



VisionLabs
MACHINES CAN SEE

LUNA Index Module

Quick start guide

v.5.58.0

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Introduction

Welcome to LUNA Index Module!

The “[Getting started](#)” section will help you to get started with LUNA Index Module.

The “[Distribution package structure](#)” section describes the distribution package content.

The “[Documentation](#)” section lists all the documents included in the distribution package.

1 Getting started

There are several useful manuals describing the installation of the LUNA Index Module. These manuals are listed in the section [“Operation manuals”](#).

[LIM_Administrator_Manual](#) includes all general information about LIM:

- terminology,
- process of creating indexes and performing matching
- objects created and tasks performed,
- architecture and interaction of services,
- description of the service settings.

We recommend beginning with this document to understand the general principles of working with LIM.

The distribution package does not include the docker containers. You need to download them from the Internet. LIM services are optional and require some running LP services. See the [“LIM_Installation_Manual”](#) for more information.

Once LIM is up and running, refer to the [“Reference manuals”](#) section, which describes the OpenAPI specifications for LIM services.

2 Distribution package structure

The package consist of the following directories:

Directory name	Description
/example-docker	The directory includes all the files required for launching LIM docker containers using Docker Compose script
/docs	Documentation for LUNA Index Module

The “example-docker” directory contains the necessary files to run LIM using the Docker Compose script and the “configs” folder, which contains the LIM settings that will need to be loaded into the Configurator.

3 Distribution documentation

This section covers the documentation package for LIM. All the documents can be found in “/docs” folder of the distribution package.

3.1 Operation manuals

These manuals cover system deployment and architecture.

Most of the documents are provided in PDF and HTML formats. The PDF document is easier for navigation, the HTML document is more convenient to copy the commands. If there is no Internet connection, the HTML version requires template_VL.css.

File	Description
LIM_Administrator_Manual.*	Administrator manual for LUNA Index Module
LIM_Installation_Manual.*	General concepts for the full installation of LIM using Docker containers. The example for installation on a single server is given in the manual
LIM_Upgrade_Manual.*	General concepts for the updating of LIM using Docker containers. The example for installation on a single server is given in the manual
LIM_Docker_Compose_Example.*	General concepts for the full installation of LIM using Docker Compose. The example for installation on a single server is given in the manual
LIM_Release_Notes.*	LUNA Index Module release notes.

* PDF and HTML formats

3.2 Reference manuals

These manuals describe the OpenAPI specifications for LIM services. OpenAPI specification is the only valid document providing up-to-date information about the service API. The specification can be used:

- By documentation generation tools to visualize the API.
- By code generation tools.

All the documents and code generated using this specification can include inaccuracies and should be carefully checked.

The manuals can be found in the “./docs/ReferenceManuals” directory. This directory includes documents in the YML and HTML format. Documents in YML format contain requests to all LIM services.

You can use them to automatically generate requests in Postman. It is not guaranteed that all requests will be imported correctly, manual editing may be required. Documents in HTML format are used to visualize these specification and may not be complete.

File	Description
IndexedMatcherReferenceManual.*	Indexed Matcher service API description
IndexerReferenceManual.*	Indexer service API description
IndexManagerReferenceManual.*	Index Manager service API description

* YML and HTML formats

3.3 Developer manual

The LIM developer manual for developers and DevOps is available for LIM. The manual can be found in the “./docs/ServiceManuals” directory.